

Applicant(s): Bin Zhao et al. Atty. Docket No.: 60944.3800  
Serial No.: To Be Assigned Client Ref No.: 97RSS434  
Filed: September 20, 2000 Group Art Unit: To Be Assigned  
Title: A DAMASCENE INTERCONNECT  
STRUCTURE AND FABRICATION  
METHOD HAVING AIR GAPS  
BETWEEN METAL LINES AND  
METAL LAYERS

1c490 U.S. PRO  
09/665422  
09/20/00

**POWER OF ATTORNEY**

Robert P. Hart, of CONEXANT SYSTEMS, INC., of Newport Beach, California, hereby certifies that, to the best of his or her knowledge and belief, the entire right, title, and interest in the above-captioned United States patent application is in Assignee, CONEXANT SYSTEMS, INC.

CONEXANT SYSTEMS, INC., the Assignee of the entire right, title, and interest in and to the above-captioned United States patent application and all inventions disclosed and claimed therein, hereby appoints as its attorneys to prosecute the above-captioned United States patent application and to transact all business in the United States Patent and Trademark Office connected therewith and with the resulting patent:

Daniel N. Yannuzzi, Reg. No. 36,727; James K. Dawson, Reg. No. 41,701;  
Kelly H. Hale, Reg. No. 36,542; Robert P. Hart, Reg. No. 35,184;  
Keith Kind, Reg. No. 42,735; and Semion Talpalatsky, Reg. No. 35,380.

Furthermore, CONEXANT SYSTEMS, INC. also appoints as its attorneys to prosecute the above-captioned United States patent application and to transact all business in the United States Patent and Trademark Office connected therewith and with the resulting patent, individually and collectively:

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and the registered attorneys associated with Snell & Wilmer L.L.P.'s Customer No. 020322.

**Please send all further correspondence to Laura J. Zeman at the above address.**

By: 

Title: DIVISION IP COUNSEL

Date: 9/19/00

IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE

PATENT

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DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "A DAMASCENE INTERCONNECT STRUCTURE AND FABRICATION METHOD HAVING AIR GAPS BETWEEN METAL LINES AND METAL LAYERS", the specification of which:

☒ is attached hereto.  
☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

N/A			Priority Not Claimed
Number	Country	Filing Date	<input type="checkbox"/>
Number	Country	Filing Date	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

N/A	
Application Number	Filing Date
Application Number	Filing Date

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

N/A		
Application Serial No.	Filing Date	Status: Patent, Pending, Abandoned
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Inventor's signature: *Bin Zhao* Date: 9/18/00

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Full name of second inventor: Maureen R. Brongo

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